



American
Dental
Association

211 East Chicago Avenue
Chicago, Illinois 60611

Supplement 3

Dental School Tuition

Supplement 3 to the
Annual Report 88/89
Dental Education

Council on Dental Education

DENTAL REPORTS PUBLISHED BY THE DIVISION OF EDUCATIONAL MEASUREMENTS

The Division of Educational Measurements publishes the Annual Report on Dental Education and supplemental reports on various aspects of dental education yearly. These reports have been listed below according to a revised number system established last year. As each report is produced, the roster below will appear on the report's inside cover identifying with an "X" those reports which are available. It should be noted that the "Confidential" reports include information which was collected by the Division with the understanding that the resultant reports would not identify specific educational institutions. In this regard, these reports use randomly assigned code numbers for each predoctoral program rather than the name of the institution with the initial distribution of these reports limited to dental schools.

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X	Annual Report on Dental Education.....	-
X	Supplement 1: Dental School Admission Information.....	7
X	Supplement 2: Trend Analysis.....	11
X	Supplement 3: Dental School Tuition.....	13
X	Supplement 4: Dental School Attrition.....	5
	Supplement 5: Dental School Faculty.....	10
	Supplement 6: Financial Report.....	4

CONFIDENTIAL REPORTS

	Supplement 7: Analysis of Dental School Finances.....	-
	Supplement 8: Dental School Curriculum, Clock Hours of Instruction Summary Report.....	14
	Supplement 9: Dental School Curriculum, Clock Hours of Instruction Basic Sciences.....	15
	Supplement 10: Dental School Curriculum, Clock Hours of Instruction Clinical Sciences.....	16
	Supplement 11: Dental School Curriculum, Clock Hours of Instruction Behavioral Sciences.....	17

TABLE OF CONTENTS

	Page
INTRODUCTION	1
LIST OF TABLES	
1. Dental School Undergraduate Tuition Resident and Non-Resident, 1988-89	2
2. First-Year Resident and Non-Resident Tuition and Fees Rank Ordered by the Ratio of Non-Resident Tuition to Resident Tuition, 1988-89	3
3. Dental School Undergraduate Mandatory Fees, 1988-89	4
4. Dental School Undergraduate Instrument Costs, 1988-89	5
5. Dental School Undergraduate Textbook Costs, 1988-89	6
6. Dental School Undergraduate Health Service Costs, 1988-89	7
7. First-Year Costs for Resident Rank Ordered by Total Tuition and Fees, 1988-89	8
8. First-Year Costs for Resident Rank Ordered Within Type of Institution by Total Tuition and Fees, 1988-89	9
9. Total Undergraduate First-Year Costs for Resident Rank Ordered by Total Costs, 1988-89	11
10. Total Undergraduate First-Year Costs for Resident Rank Ordered Within Type of Institution by Total Costs, 1988-89	12
11. Total Undergraduate Educational Costs for Resident Rank Ordered by Total Costs, 1988-89	15
12. Total Undergraduate Educational Costs for Resident Rank Ordered Within Type of Institution by Total Cost, 1988-89	16
13. Total Undergraduate Educational Costs for Non-Resident Rank Ordered by Total Costs, 1988-89	18
14. Total Undergraduate Educational Costs for Non-Resident Rank Ordered Within Type of Institution by Total Costs, 1988-89	19

LIST OF FIGURES

Figure	
1. Total Resident First-Year Tuitions, and Fees, 1983-88	14
2. Total Non-Resident First-Year Tuitions, and Fees, 1983-88	14
3. Resident Total Cost, 1983-88	21
4. Non-Resident Total Cost, 1983-88	21

INTRODUCTION

The supplements to the Annual Report on Dental Education are intended to provide the Commission on Dental Accreditation, dental educators and practitioners, state and federal agencies, and other interested groups and individuals with information on various aspects of dental education. Supplement 3: Dental School Tuition, is designed to provide information regarding the tuitions and fees of the 57 dental schools in the United States and Puerto Rico. Specifically, the information being reported in this supplement includes resident and non-resident tuitions, general fees, and other fixed costs associated with instruments, textbooks, and health services.

Table 1 of the report provides a yearly summary of the resident and non-resident tuitions reported for each of the dental schools. The dental school tuitions, for each year, for residents range from a maximum of \$25,984 at the University of the Pacific to a minimum of no tuition at both the University of California, San Francisco and Los Angeles.* It should be noted, however, that the University of the Pacific has a three-year program. As such, the total undergraduate tuition for this institution is less than for a number of other four-year programs with lower yearly tuitions. It also should be noted that Harvard University has a five year program.

Table 2 provides a listing of first-year resident and non-resident tuitions rank ordered by the ratio of non-resident to resident tuitions. Tables 3-6 provide a listing of the undergraduate fees, and instrument, textbook, and health service costs for dental institutions for the four years of the undergraduate programs.

Tables 7 and 8 show resident, first-year costs rank-ordered by tuitions and fees. Table 7 shows a rank order for all institutions, and Table 8 shows rank orders for schools grouped according to their status as public, private or private-state related institutions. Tables 9 and 10 provide the same information; however, the schools are rank ordered according to costs. Figures 1 and 2 depict the mean, total resident and non-resident first-year tuitions and fees for the years 1983 to 1988. The remaining tables provide lists of institutions with total undergraduate costs for residents and non-residents. These lists are rank ordered by total costs and by total costs within types of schools. Figures 3 and 4 show mean, resident and non-resident total costs for the years 1983 to 1988.

An examination of the trends in total undergraduate costs for residents over the seven year period beginning in 1981 and ending in 1988 shows a consistent yearly increase in median costs. On average, there has been a 7.7% yearly increase in costs over the seven years, with an increase of 6.2% occurring between 1987 and 1988. The yearly median costs for the years 1981 through 1988 are \$18,911, \$21,197, \$23,555, \$26,453, \$27,422, \$29,052, \$29,747 and \$31,579, respectively.

*See Table 2 for tuition plus mandatory fees.

Division of Educational Measurements
American Dental Association
211 East Chicago Avenue
Chicago, Illinois 60611
March 1989

TABLE 1
DENTAL SCHOOL UNDERGRADUATE TUITION
RESIDENT AND NON-RESIDENT
1985-89

DENTAL SCHOOL	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
	RESIDENT	NON-RESIDENT	RESIDENT	NON-RESIDENT	RESIDENT	NON-RESIDENT	RESIDENT	NON-RESIDENT
UNIV. OF ALABAMA	\$ 2,977	\$ 4,800	\$ 2,799	\$ 4,800	\$ 2,799	\$ 4,800	\$ 2,799	\$ 4,800
UNIV. OF THE PACIFIC	25,984	25,984	25,984	25,984	N/A	N/A	25,984	25,984
U. OF CALIF., SF	0	4,806	0	4,506	0	4,506	0	4,506
U. OF CALIF., LA	0	4,290	0	4,290	0	4,290	0	4,290
UNIV. OF SO. CALIF.	20,589	20,589	20,589	20,589	20,589	20,589	13,726	20,589
LOMA LINDA UNIV.	13,560	13,560	16,400	16,400	16,400	16,400	16,400	16,400
UNIV. OF COLORADO	5,394	16,182	5,394	16,182	5,394	16,182	5,394	16,182
UNIV. OF CONNECTICUT	4,600	10,400	4,600	10,400	4,600	10,400	4,600	10,400
HOWARD UNIVERSITY	6,400	6,400	6,400	6,400	6,400	6,400	6,400	6,400
UNIV. OF FLORIDA	4,754	11,453	4,754	11,453	4,754	11,453	4,754	11,453
MED. COL. OF GEORGIA	3,642	10,926	4,090	11,374	4,370	11,654	3,642	10,926
LOYOLA UNIVERSITY	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500
NORTHWESTERN UNIV.	18,051	18,051	18,051	18,051	18,051	18,051	12,034	12,034
SO. ILLINOIS UNIV.	2,517	7,551	2,517	7,551	2,517	7,551	2,517	7,551
UNIV. OF ILLINOIS	3,717	10,617	3,717	10,617	3,717	10,617	3,717	10,617
INDIANA UNIVERSITY	4,800	10,080	4,800	10,080	4,800	10,080	4,800	10,080
UNIVERSITY OF IOWA	3,870	10,582	3,870	10,582	3,870	10,582	3,870	10,582
UNIV. OF KENTUCKY	3,680	14,660	3,680	14,660	3,680	14,660	3,680	14,660
UNIV. OF LOUISVILLE	3,680	14,660	3,680	14,660	3,680	14,660	3,680	14,660
LOUISIANA ST. UNIV.	3,647	8,247	3,647	8,247	3,647	8,247	3,647	8,247
UNIV. OF MARYLAND	5,600	12,850	5,600	12,850	5,600	12,850	5,600	12,850
HARVARD UNIVERSITY	15,750	15,750	15,750	15,750	15,750	15,750	15,750	15,750
BOSTON UNIVERSITY	19,900	19,900	19,900	19,900	19,900	19,900	19,900	19,900
TUFTS UNIVERSITY	17,330	17,330	17,330	17,330	17,330	17,330	17,330	17,330
UNIV. OF DETROIT	11,660	11,660	11,660	11,660	11,660	11,660	11,660	11,660
UNIV. OF MICHIGAN	7,450	13,892	7,450	13,892	7,450	13,892	7,450	13,892
UNIV. OF MINNESOTA	5,605	8,407	5,605	8,407	5,605	8,407	7,473	11,210
UNIV. OF MISSISSIPPI	4,000	10,000	4,000	10,000	4,000	10,000	4,000	10,000
UNIV. OF MISSOURI, KC	5,596	8,880	5,596	8,880	6,397	10,148	7,595	12,052
WASHINGTON UNIV., SL	17,980	17,980	17,980	17,980	17,980	17,980	17,980	17,980
CREIGHTON UNIVERSITY	12,470	12,470	12,470	12,470	12,470	12,470	12,470	12,470
UNIV. OF NEBRASKA	5,395	12,483	5,395	12,483	5,395	12,483	4,316	9,986
F. DICKINSON UNIV.	15,800	18,300	15,800	18,300	15,800	18,300	15,800	18,300
U OF DENT NEW JERSEY	8,660	11,365	8,660	11,365	8,660	11,365	8,660	11,365
COLUMBIA UNIVERSITY	15,525	15,525	15,525	15,525	15,525	15,525	15,525	15,525
NEW YORK UNIVERSITY	18,977	18,977	18,977	18,977	18,977	18,977	18,977	18,977
SUNY, STONY BROOK	5,550	8,850	5,550	8,850	5,550	8,850	5,550	8,850
SUNY, BUFFALO	5,550	8,850	5,550	8,850	5,550	8,850	5,550	8,850
UNIV. OF N. CAROLINA	1,686	11,851	1,686	11,851	1,724	11,973	1,124	8,538
OHIO STATE UNIV.	4,320	12,828	4,320	12,828	5,760	17,104	5,040	15,250
CASE WESTERN UNIV.	16,200	16,200	16,200	16,200	16,200	16,200	16,200	16,200
UNIV. OF OKLAHOMA	4,500	10,758	4,500	10,758	4,500	10,758	4,500	10,758
OREGON HLTH SCI. U.	3,270	7,716	3,270	7,716	3,270	7,716	3,270	7,716
TEMPLE UNIVERSITY	10,812	17,452	10,812	17,452	10,812	17,452	10,812	17,452
U. OF PENNSYLVANIA	18,890	18,890	18,310	18,310	18,310	18,310	18,310	18,310
UNIV. OF PITTSBURGH	13,090	18,500	13,090	18,500	13,090	18,500	13,090	18,500
MED. U OF S CAROLINA	3,160	6,320	2,845	5,690	3,160	6,320	3,160	6,320
MEHARRY MED. COLLEGE	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500
UNIV. OF TENNESSEE	3,957	7,491	3,927	7,491	3,927	7,491	3,927	7,491
BAYLOR COL. OF DENT.	3,500	14,000	3,500	14,000	3,500	14,000	3,500	14,000
U. OF TEXAS, HOUSTON	3,500	14,000	3,500	14,000	3,500	14,000	3,500	14,000
UNIV. OF TEXAS, SA	3,500	14,000	3,500	14,000	3,500	14,000	3,500	14,000
VIRGINIA COMM. UNIV.	5,100	10,300	5,100	10,300	5,100	10,200	5,100	10,300
U. OF WASH., SEATTLE	4,215	10,680	4,215	10,680	5,620	14,240	5,620	14,240
WEST VIRGINIA UNIV.	2,613	6,388	2,613	6,388	2,613	6,388	2,090	5,119
MARQUETTE UNIVERSITY	12,180	17,190	12,180	17,190	12,180	17,190	12,180	17,190
U. OF PUERTO RICO	2,500	8,000	2,500	8,000	2,500	8,000	2,500	8,000
NUMBER	55	57	55	57	54	56	55	57
MEAN	\$8,557.3	\$12,506.5	\$8,597.0	\$12,537.7	\$8,354.3	\$12,476.8	\$8,430.0	\$12,520.7
STD DEVIATION	6,162.98	4,555.86	6,202.42	4,592.20	5,730.84	4,272.49	5,888.65	4,554.16

NUMBER = NUMBER OF NON-ZERO ENTRIES USED TO CALCULATE THE MEAN

N/A = INDICATES NOT APPLICABLE

@ = UNIVERSITY OF THE PACIFIC HAS A THREE YEAR PROGRAM

@@ = HARVARD UNIVERSITY'S FIFTH YEAR RESIDENT AND NON-RESIDENT TUITION IS \$15,750

TABLE 2

FIRST YEAR RESIDENT AND NON-RESIDENT TUITION AND FEES
RANK ORDERED BY THE RATIO OF NON-RESIDENT
TUITION TO RESIDENT TUITION
1988-89

DENTAL SCHOOL	RESIDENT TUITION AND FEES	NON-RESIDENT TUITION AND FEES	NON-RESIDENT TUITION AND FEES DIVIDED BY RESIDENT TUITION AND FEES
UNIV. OF THE PACIFIC ®	\$ 26,592	\$ 26,592	1.0
UNIV. OF SO. CALIF.	20,888	20,888	1.0
LOMA LINDA UNIV.	13,695	13,695	1.0
HOWARD UNIVERSITY	6,699	6,699	1.0
LOYOLA UNIVERSITY	12,605	12,605	1.0
NORTHWESTERN UNIV.	18,051	18,051	1.0
HARVARD UNIVERSITY®®	15,750	15,750	1.0
BOSTON UNIVERSITY	19,900	19,900	1.0
TUFTS UNIVERSITY	18,445	18,445	1.0
UNIV. OF DETROIT	12,046	12,046	1.0
WASHINGTON UNIV., SL	18,052	18,052	1.0
CREIGHTON UNIVERSITY	12,470	12,470	1.0
COLUMBIA UNIVERSITY	15,585	15,585	1.0
NEW YORK UNIVERSITY	18,977	18,977	1.0
CASE WESTERN UNIV.	16,336	16,336	1.0
U. OF PENNSYLVANIA	19,510	19,510	1.0
MEHARRY MED. COLLEGE	10,895	10,895	1.0
F. DICKINSON UNIV.	16,062	16,562	1.2
U OF DENT NEW JERSEY	8,885	11,590	1.3
UNIV. OF PITTSBURGH	13,102	16,512	1.4
MARQUETTE UNIVERSITY	12,180	17,190	1.4
UNIV. OF ALABAMA	3,784	5,607	1.5
UNIV. OF MINNESOTA	5,917	8,719	1.5
UNIV. OF MISSOURI, KC	5,788	9,072	1.6
SUNY, STONY BROOK	5,665	8,965	1.6
SUNY, BUFFALO	5,660	8,960	1.6
TEMPLE UNIVERSITY	10,867	17,507	1.6
UNIV. OF MICHIGAN	7,586	14,028	1.8
UNIV. OF TENNESSEE	4,337	7,871	1.8
UNIV. OF CONNECTICUT	6,700	12,500	1.9
VIRGINIA COMM. UNIV.	5,608	10,808	1.9
MED. U OF S CAROLINA	3,160	6,320	2.0
INDIANA UNIVERSITY	4,800	10,080	2.1
UNIV. OF MARYLAND	5,806	13,056	2.2
UNIV. OF NEBRASKA	5,925	13,013	2.2
WEST VIRGINIA UNIV.	3,173	6,948	2.2
LOUISIANA ST. UNIV.	3,648	8,248	2.3
OREGON HLTH SCI. U.	3,538	7,984	2.3
UNIV. OF FLORIDA	4,754	11,453	2.4
UNIV. OF OKLAHOMA	4,630	10,888	2.4
UNIV. OF MISSISSIPPI	4,127	10,127	2.5
U. OF WASH., SEATTLE	4,215	10,680	2.5
UNIV. OF ILLINOIS	4,359	11,259	2.6
UNIVERSITY OF IOWA	3,870	10,582	2.7
UNIV. OF COLORADO	5,930	16,718	2.8
SO. ILLINOIS UNIV.	2,789	7,823	2.8
MED. COL. OF GEORGIA	3,700	10,984	3.0
OHIO STATE UNIV.	4,320	12,828	3.0
U. OF PUERTO RICO	2,560	8,060	3.1
U. OF CALIF., SF	1,701	6,507	3.8
UNIV. OF TEXAS, SA	3,701	14,201	3.8
UNIV. OF KENTUCKY	3,759	14,739	3.9
U. OF CALIF., LA	1,417	5,707	4.0
UNIV. OF LOUISVILLE	3,680	14,660	4.0
BAYLOR COL. OF DENT.	3,540	14,040	4.0
U. OF TEXAS, HOUSTON	3,554	14,054	4.0
UNIV. OF N. CAROLINA	2,397	12,562	5.2
NUMBER	57	57	57
MEAN	\$8,552.4	\$12,801.8	2.1
STD DEVIATION	6,192.32	4,461.98	1.06

NUMBER = NUMBER OF NON-ZERO ENTRIES USED TO CALCULATE THE MEAN

N/AP = INDICATES NOT APPLICABLE

® = UNIVERSITY OF THE PACIFIC HAS A THREE YEAR PROGRAM

®® = HARVARD UNIVERSITY'S FIFTH YEAR RESIDENT AND NON-RESIDENT TUITION IS \$15,750

TABLE 3

DENTAL SCHOOL UNDERGRADUATE MANDATORY FEES
1988-89

DENTAL SCHOOL	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
UNIV. OF ALABAMA	\$ 807	\$ 877	\$ 787	\$ 847
UNIV. OF THE PACIFIC @	608	450	N/AP	450
U. OF CALIF., SF	1,701	1,701	1,701	1,701
U. OF CALIF., LA	1,417	1,770	1,417	1,770
UNIV. OF SO. CALIF.	99	99	99	81
LOMA LINDA UNIV.	135	135	115	25
UNIV. OF COLORADO	536	521	521	521
UNIV. OF CONNECTICUT	2,100	2,100	2,100	2,100
HOWARD UNIVERSITY	299	329	284	454
UNIV. OF FLORIDA	0	0	0	0
MED. COL. OF GEORGIA	58	78	78	58
LOYOLA UNIVERSITY	105	80	80	120
NORTHWESTERN UNIV.	0	0	0	0
SO. ILLINOIS UNIV.	272	272	272	272
UNIV. OF ILLINOIS	642	642	642	642
INDIANA UNIVERSITY	0	0	0	0
UNIVERSITY OF IOWA	0	0	0	0
UNIV. OF KENTUCKY	79	79	79	79
UNIV. OF LOUISVILLE	0	0	0	0
LOUISIANA ST. UNIV.	1	1	1	1
UNIV. OF MARYLAND	206	206	206	206
HARVARD UNIVERSITY@@	0	0	0	0
BOSTON UNIVERSITY	0	0	0	0
TUFTS UNIVERSITY	1,115	570	140	140
UNIV. OF DETROIT	386	386	386	431
UNIV. OF MICHIGAN	136	136	136	136
UNIV. OF MINNESOTA	312	312	312	416
UNIV. OF MISSISSIPPI	127	127	127	127
UNIV. OF MISSOURI, KC	192	192	240	240
WASHINGTON UNIV., SL	72	85	0	0
CREIGHTON UNIVERSITY	0	0	0	0
UNIV. OF NEBRASKA	530	530	530	488
F. DICKINSON UNIV.	262	262	262	262
U OF DENT NEW JERSEY	225	225	225	225
COLUMBIA UNIVERSITY	60	0	0	0
NEW YORK UNIVERSITY	0	0	0	0
SUNY, STONY BROOK	115	140	115	190
SUNY, BUFFALO	110	110	110	110
UNIV. OF N. CAROLINA	711	711	711	627
OHIO STATE UNIV.	0	0	0	0
CASE WESTERN UNIV.	136	136	136	136
UNIV. OF OKLAHOMA	130	130	130	130
OREGON HLTH SCI. U.	268	268	370	268
TEMPLE UNIVERSITY	55	50	50	75
U. OF PENNSYLVANIA	620	620	620	620
UNIV. OF PITTSBURGH	12	12	12	12
MED. U OF S CAROLINA	0	0	0	0
MEHARRY MED. COLLEGE	395	465	460	495
UNIV. OF TENNESSEE	380	190	190	190
BAYLOR COL. OF DENT.	40	30	30	55
U. OF TEXAS, HOUSTON	54	44	44	69
UNIV. OF TEXAS, SA	201	162	130	165
VIRGINIA COMM. UNIV.	508	508	508	508
U. OF WASH., SEATTLE	0	0	0	0
WEST VIRGINIA UNIV.	560	560	560	470
MARQUETTE UNIVERSITY	0	0	0	0
U. OF PUERTO RICO	60	60	60	60
NUMBER	44	43	41	42
MEAN	\$382.6	\$380.4	\$364.7	\$380.2
STD DEVIATION	451.34	464.86	449.37	465.52

NUMBER = NUMBER OF NON-ZERO ENTRIES USED TO CALCULATE THE MEAN

N/AP = INDICATES NOT APPLICABLE

@ = UNIVERSITY OF THE PACIFIC HAS A THREE YEAR PROGRAM

@@ = HARVARD UNIVERSITY'S FIFTH YEAR FEE IS \$0

TABLE 4
DENTAL SCHOOL UNDERGRADUATE INSTRUMENT COSTS
1988-89

DENTAL SCHOOL	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
UNIV. OF ALABAMA	\$ 3,385	\$ 1,776	\$ 580	\$ 92
UNIV. OF THE PACIFIC @	6,451	805	N/AP	19
U. OF CALIF., SF	5,046	4,155	1,902	699
U. OF CALIF., LA	2,825	3,690	70	490
UNIV. OF SO. CALIF.	5,100	3,408	250	250
LOMA LINDA UNIV.	4,352	2,193	535	40
UNIV. OF COLORADO	4,350	550	150	0
UNIV. OF CONNECTICUT	1,700	700	200	200
HOWARD UNIVERSITY	3,966	2,275	0	0
UNIV. OF FLORIDA	1,133	3,399	2,266	300
MED. COL. OF GEORGIA	4,200	3,000	75	0
LOYOLA UNIVERSITY	3,886	1,788	40	0
NORTHWESTERN UNIV.	1,309	1,930	1,074	782
SO. ILLINOIS UNIV.	3,417	1,909	348	233
UNIV. OF ILLINOIS	4,319	2,807	1,633	0
INDIANA UNIVERSITY	2,391	2,429	769	600
UNIVERSITY OF IOWA	1,920	1,440	1,440	0
UNIV. OF KENTUCKY	2,402	2,701	939	634
UNIV. OF LOUISVILLE	2,916	2,160	598	300
LOUISIANA ST. UNIV.	3,494	1,197	288	25
UNIV. OF MARYLAND	3,054	2,282	685	46
HARVARD UNIVERSITY@@	930	4,468	3,575	1,264
BOSTON UNIVERSITY	3,192	2,686	653	0
TUFTS UNIVERSITY	3,500	2,200	0	0
UNIV. OF DETROIT	5,800	3,400	565	175
UNIV. OF MICHIGAN	2,590	1,395	1,075	50
UNIV. OF MINNESOTA	1,200	900	900	1,050
UNIV. OF MISSISSIPPI	1,120	670	670	935
UNIV. OF MISSOURI, KC	3,300	2,900	800	0
WASHINGTON UNIV., SL	3,050	1,060	500	455
CREIGHTON UNIVERSITY	2,062	3,334	0	0
UNIV. OF NEBRASKA	2,486	2,486	2,486	2,486
F. DICKINSON UNIV.	2,847	3,946	320	0
U OF DENT NEW JERSEY	2,611	498	0	0
COLUMBIA UNIVERSITY	1,775	1,750	1,700	1,716
NEW YORK UNIVERSITY	4,748	3,609	592	155
SUNY, STONY BROOK	1,100	800	800	800
SUNY, BUFFALO	1,230	1,820	730	250
UNIV. OF N. CAROLINA	3,870	2,152	0	0
OHIO STATE UNIV.	2,450	0	692	0
CASE WESTERN UNIV.	3,345	2,727	263	0
UNIV. OF OKLAHOMA	4,134	2,752	992	450
OREGON HLTH SCI. U.	4,134	3,300	345	0
TEMPLE UNIVERSITY	4,646	3,283	192	0
U. OF PENNSYLVANIA	5,625	2,475	175	0
UNIV. OF PITTSBURGH	4,308	1,647	0	0
MED. U OF S CAROLINA	2,960	2,866	0	0
MEHARRY MED. COLLEGE	1,345	6,250	1,000	663
UNIV. OF TENNESSEE	4,725	3,805	762	403
BAYLOR COL. OF DENT.	3,190	7,198	324	324
U. OF TEXAS, HOUSTON	3,700	1,050	600	200
UNIV. OF TEXAS, SA	4,281	2,513	258	0
VIRGINIA COMM. UNIV.	2,725	2,547	517	0
U. OF WASH., SEATTLE	3,136	4,743	862	100
WEST VIRGINIA UNIV.	7,340	2,316	1,000	1,000
MARQUETTE UNIVERSITY	4,511	4,275	1,372	0
U. OF PUERTO RICO	3,815	2,865	420	184
NUMBER	57	56	48	34
MEAN	\$3,322.7	\$2,558.4	\$810.5	\$510.8
STD DEVIATION	1,404.95	1,331.26	680.88	529.07

NUMBER = NUMBER OF NON-ZERO ENTRIES USED TO CALCULATE THE MEAN

N/AP = INDICATES NOT APPLICABLE

@ = UNIVERSITY OF THE PACIFIC HAS A THREE YEAR PROGRAM

@@ = HARVARD UNIVERSITY'S FIFTH YEAR FEE IS \$0

TABLE 5
DENTAL SCHOOL UNDERGRADUATE TEXTBOOK COSTS
1988-89

DENTAL SCHOOL	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
UNIV. OF ALABAMA	\$ 1,000	\$ 1,000	\$ 700	\$ 800
UNIV. OF THE PACIFIC @	1,392	500	N/AP	170
U. OF CALIF..SF	1,141	986	582	415
U. OF CALIF..LA	420	856	255	50
UNIV. OF SO. CALIF.	700	700	0	0
LOMA LINDA UNIV.	520	545	260	135
UNIV. OF COLORADO	721	608	235	47
UNIV. OF CONNECTICUT	400	400	400	400
HOWARD UNIVERSITY	853	540	404	0
UNIV. OF FLORIDA	877	1,133	600	280
MED. COL. OF GEORGIA	695	500	380	355
LOYOLA UNIVERSITY	852	981	291	0
NORTHWESTERN UNIV.	1,125	997	430	260
SO. ILLINOIS UNIV.	798	825	279	43
UNIV. OF ILLINOIS	726	363	302	211
INDIANA UNIVERSITY	775	600	525	0
UNIVERSITY OF IOWA	710	315	240	0
UNIV. OF KENTUCKY	486	755	412	20
UNIV. OF LOUISVILLE	810	810	432	110
LOUISIANA ST. UNIV.	391	577	243	50
UNIV. OF MARYLAND	475	425	200	40
HARVARD UNIVERSITY@@	350	350	300	80
BOSTON UNIVERSITY	800	700	0	0
TUFTS UNIVERSITY	750	500	450	0
UNIV. OF DETROIT	***	***	***	***
UNIV. OF MICHIGAN	700	598	916	26
UNIV. OF MINNESOTA	686	656	539	43
UNIV. OF MISSISSIPPI	1,100	900	350	250
UNIV. OF MISSOURI.KC	700	800	200	150
WASHINGTON UNIV..SL	540	480	210	35
CREIGHTON UNIVERSITY	500	575	190	120
UNIV. OF NEBRASKA	***	***	***	***
F. DICKINSON UNIV..	800	800	800	440
U OF DENT NEW JERSEY	470	495	100	100
COLUMBIA UNIVERSITY	500	600	300	100
NEW YORK UNIVERSITY	1,050	800	150	0
SUNY, STONY BROOK	1,200	928	565	0
SUNY, BUFFALO	380	330	300	120
UNIV. OF N. CAROLINA	931	600	124	0
OHIO STATE UNIV.	929	504	630	84
CASE WESTERN UNIV.	620	620	250	100
UNIV. OF OKLAHOMA	918	712	499	129
OREGON HLTH SCI. U.	610	620	265	90
TEMPLE UNIVERSITY	500	500	400	100
U. OF PENNSYLVANIA	700	700	700	700
UNIV. OF PITTSBURGH	800	600	150	0
MED. U OF S CAROLINA	450	550	125	0
MEHARRY MED. COLLEGE	1,185	2,320	1,185	1,412
UNIV. OF TENNESSEE	777	774	275	62
BAYLOR COL. OF DENT.	842	670	197	67
U. OF TEXAS, HOUSTON	818	520	265	50
UNIV. OF TEXAS.SA	805	660	417	160
VIRGINIA COMM. UNIV.	700	700	300	0
U. OF WASH., SEATTLE	729	509	230	41
WEST VIRGINIA UNIV.	1,205	475	105	0
MARQUETTE UNIVERSITY	500	500	110	0
U. OF PUERTO RICO	800	700	150	20
NUMBER	55	55	52	40
MEAN	\$749.3	\$675.6	\$363.7	\$196.6
STD DEVIATION	240.38	292.34	219.60	264.29

NUMBER = NUMBER OF NON-ZERO ENTRIES USED TO CALCULATE THE MEAN

N/AP = INDICATES NOT APPLICABLE

*** = INCLUDED IN INSTRUMENTS COST

@ = UNIVERSITY OF THE PACIFIC HAS A THREE YEAR PROGRAM

@@ = HARVARD UNIVERSITY'S FIFTH YEAR FEE IS \$0

TABLE 6

DENTAL SCHOOL UNDERGRADUATE HEALTH SERVICE COSTS
1968-69

DENTAL SCHOOL	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR
UNIV. OF ALABAMA	\$ 348	\$ 348	\$ 348	\$ 348
UNIV. OF THE PACIFIC @	0	0	N/AP	0
U. OF CALIF..SF	**	**	**	**
U. OF CALIF..LA	435	435	435	435
UNIV. OF SO. CALIF.	267	267	267	178
LOMA LINDA UNIV.	0	0	0	0
UNIV. OF COLORADO	155	155	155	155
UNIV. OF CONNECTICUT	0	0	0	0
HOWARD UNIVERSITY	280	280	280	280
UNIV. OF FLORIDA	0	0	0	0
MED. COL. OF GEORGIA	135	180	180	135
LOYOLA UNIVERSITY	90	90	90	90
NORTHWESTERN UNIV.	350	350	350	350
SO. ILLINOIS UNIV.	0	0	0	0
UNIV. OF ILLINOIS	120	120	120	120
INDIANA UNIVERSITY	0	0	0	0
UNIVERSITY OF IOWA	0	0	0	0
UNIV. OF KENTUCKY	100	100	100	100
UNIV. OF LOUISVILLE	85	85	85	85
LOUISIANA ST. UNIV.	434	434	434	434
UNIV. OF MARYLAND	776	656	656	656
HARVARD UNIVERSITY@@	897	897	897	897
BOSTON UNIVERSITY	400	0	0	0
TUFTS UNIVERSITY	822	822	822	822
UNIV. OF DETROIT	214	214	214	214
UNIV. OF MICHIGAN	*	*	*	*
UNIV. OF MINNESOTA	0	0	0	0
UNIV. OF MISSISSIPPI	312	312	312	312
UNIV. OF MISSOURI,KC	0	0	0	0
WASHINGTON UNIV..SL	540	540	540	540
CREIGHTON UNIVERSITY	0	0	0	0
UNIV. OF NEBRASKA	0	0	0	0
F. DICKINSON UNIV.	0	0	0	0
U OF DENT NEW JERSEY	237	237	237	237
COLUMBIA UNIVERSITY	400	400	400	400
NEW YORK UNIVERSITY	50	50	50	50
SUNY. STONY BROOK	300	300	300	300
SUNY. BUFFALO	155	155	155	155
UNIV. OF N. CAROLINA	0	0	0	0
OHIO STATE UNIV.	216	216	288	288
CASE WESTERN UNIV.	176	176	176	176
UNIV. OF OKLAHOMA	20	20	20	20
OREGON HLTH SCI. U.	579	579	724	579
TEMPLE UNIVERSITY	0	0	0	0
U. OF PENNSYLVANIA	0	0	0	0
UNIV. OF PITTSBURGH	115	115	115	115
MED. U OF S CAROLINA	0	0	0	0
MEHARRY MED. COLLEGE	550	550	550	550
UNIV. OF TENNESSEE	0	0	0	0
BAYLOR COL. OF DENT.	45	45	54	54
U. OF TEXAS. HOUSTON	220	220	220	220
UNIV. OF TEXAS.SA	0	0	0	0
VIRGINIA COMM. UNIV.	95	95	95	95
U. OF WASH.. SEATTLE	0	0	0	0
WEST VIRGINIA UNIV.	0	0	0	0
MARQUETTE UNIVERSITY	0	0	0	0
U. OF PUERTO RICO	91	91	91	91
NUMBER	34	33	33	33
MEAN	\$294.3	\$288.9	\$295.7	\$287.3
STD DEVIATION	227.83	222.72	229.21	223.69

NUMBER = NUMBER OF NON-ZERO ENTRIES USED TO CALCULATE THE MEAN

N/AP = INDICATES NOT APPLICABLE

* = INCLUDED IN TUITION

** = INCLUDED IN GENERAL FEES

@ = UNIVERSITY OF THE PACIFIC HAS A THREE YEAR PROGRAM

@@ = HARVARD UNIVERSITY'S FIFTH YEAR FEE IS \$0

TABLE 7

FIRST YEAR COSTS FOR RESIDENT
RANK ORDERED BY TOTAL TUITION AND FEES
1988-89

RANK ORDER	DENTAL SCHOOL	RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL TUITION AND FEES
1	U. OF CALIF., LA	\$ 0	\$ 1,417	\$ 2,825	\$ 420	\$ 1,680	\$ 435	\$ 1,417
2	U. OF CALIF., SF	0	1,701	5,046	1,141	0	**	1,701
3	UNIV. OF N. CAROLINA	1,686	711	3,870	931	243	0	2,397
4	U. OF PUERTO RICO	2,500	60	3,815	800	75	91	2,560
5	SO. ILLINOIS UNIV.	2,517	272	3,417	798	70	0	2,789
6	MED. U OF S CAROLINA	3,160	0	2,960	450	75	0	3,160
7	WEST VIRGINIA UNIV.	2,613	560	7,340	1,205	300	0	3,173
8	OREGON HLTH SCI. U.	3,270	268	4,134	610	35	579	3,538
9	BAYLOR COL. OF DENT.	3,500	40	3,190	842	0	45	3,540
10	U. OF TEXAS, HOUSTON	3,500	54	3,700	818	880	220	3,554
11	LOUISIANA ST. UNIV.	3,647	1	3,494	391	160	434	3,648
12	UNIV. OF LOUISVILLE	3,680	0	2,916	810	20	85	3,680
13	MED. COL. OF GEORGIA	3,642	58	4,200	695	408	135	3,700
14	UNIV. OF TEXAS, SA	3,500	201	4,281	805	19	0	3,701
15	UNIV. OF KENTUCKY	3,680	79	2,402	486	210	100	3,759
16	UNIV. OF ALABAMA	2,977	807	3,385	1,000	0	348	3,784
17	UNIVERSITY OF IOWA	3,870	0	1,920	710	1,000	0	3,870
18	UNIV. OF MISSISSIPPI	4,000	127	1,120	1,100	470	312	4,127
19	U. OF WASH., SEATTLE	4,215	0	3,136	729	546	0	4,215
20	OHIO STATE UNIV.	4,320	0	2,450	929	120	216	4,320
21	UNIV. OF TENNESSEE	3,957	380	4,725	777	452	0	4,337
22	UNIV. OF ILLINOIS	3,717	642	4,319	726	300	120	4,359
23	UNIV. OF OKLAHOMA	4,500	130	4,134	918	160	20	4,630
24	UNIV. OF FLORIDA	4,754	0	1,133	877	100	0	4,754
25	INDIANA UNIVERSITY	4,800	0	2,391	775	50	0	4,800
26	VIRGINIA COMM. UNIV.	5,100	508	2,725	700	30	95	5,608
27	SUNY, BUFFALO	5,550	110	1,230	380	100	155	5,660
28	SUNY, STONY BROOK	5,550	115	1,100	1,200	46	300	5,665
29	UNIV. OF MISSOURI, KC	5,596	192	3,300	700	85	0	5,788
30	UNIV. OF MARYLAND	5,600	206	3,054	475	126	776	5,806
31	UNIV. OF MINNESOTA	5,605	312	1,200	686	60	**	5,917
32	UNIV. OF NEBRASKA	5,395	530	2,486	***	0	0	5,925
33	UNIV. OF COLORADO	5,394	536	4,350	721	168	155	5,930
34	HOWARD UNIVERSITY	6,400	299	3,966	853	80	280	6,699
35	UNIV. OF CONNECTICUT	4,600	2,100	1,700	400	75	0	6,700
36	UNIV. OF MICHIGAN	7,450	136	2,590	700	25	*	7,586
37	U OF DENT NEW JERSEY	8,660	225	2,611	470	82	237	8,885
38	TEMPLE UNIVERSITY	10,812	55	4,646	500	0	0	10,867
39	MEHARRY MED. COLLEGE	10,500	395	1,345	1,185	0	550	10,895
40	UNIV. OF DETROIT	11,660	386	5,800	***	0	214	12,046
41	MARQUETTE UNIVERSITY	12,180	0	4,511	500	45	0	12,180
42	CREIGHTON UNIVERSITY	12,470	0	2,062	500	30	0	12,470
43	LOYOLA UNIVERSITY	12,500	105	3,886	852	0	90	12,605
44	UNIV. OF PITTSBURGH	13,090	12	4,308	800	561	115	13,102
45	LOMA LINDA UNIV.	13,560	135	4,352	520	100	0	13,695
46	COLUMBIA UNIVERSITY	15,525	60	1,775	500	306	400	15,585
47	HARVARD UNIVERSITY	15,750	0	930	350	25	897	15,750
48	F. DICKINSON UNIV.	15,800	262	2,847	800	0	0	16,062
49	CASE WESTERN UNIV.	16,200	136	3,345	620	0	176	16,336
50	NORTHWESTERN UNIV.	18,051	0	1,309	1,125	0	350	18,051
51	WASHINGTON UNIV., SL	17,980	72	3,050	540	0	540	18,052
52	TUFTS UNIVERSITY	17,330	1,115	3,500	750	N/AP	822	18,445
53	NEW YORK UNIVERSITY	18,977	0	4,748	1,050	0	50	18,977
54	U. OF PENNSYLVANIA	18,890	620	5,625	700	25	0	19,510
55	BOSTON UNIVERSITY	19,900	0	3,192	800	40	400	19,900
56	UNIV. OF SO. CALIF.	20,589	99	5,100	700	0	267	20,688
57	UNIV. OF THE PACIFIC	25,984	608	6,451	1,392	0	0	26,592

NUMBER	55	44	57	55	41	34	57
MEAN	\$8,557.3	\$382.6	\$3,322.7	\$749.3	\$228.8	\$294.3	\$8,552.4
STD. DEVIATION	6,162.98	451.34	1,404.95	240.38	325.21	227.83	6,192.32

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN

N/AP = INDICATES NOT APPLICABLE

* = INCLUDED IN TUITION

** = INCLUDED IN GENERAL FEES

*** = INCLUDED IN INSTRUMENTS COST

TABLE 8
FIRST YEAR COSTS FOR RESIDENT
RANK ORDERED WITHIN TYPE OF INSTITUTION BY TOTAL TUITION AND FEES
1988-89

RANK ORDER	DENTAL SCHOOL	RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL TUITION AND FEES
PUBLIC								
1	U. OF CALIF., LA	\$ 0	\$ 1,417	\$ 2,825	\$ 420	\$ 1,680	\$ 435	\$ 1,417
2	U. OF CALIF., SF	0	1,701	5,046	1,141	0	**	1,701
3	UNIV. OF N. CAROLINA	1,686	711	3,670	931	243	0	2,397
4	U. OF PUERTO RICO	2,500	60	3,815	800	75	91	2,560
5	SO. ILLINOIS UNIV.	2,517	272	3,417	798	70	0	2,789
6	MED. U OF S CAROLINA	3,160	0	2,960	450	75	0	3,160
7	WEST VIRGINIA UNIV.	2,613	560	7,340	1,205	300	0	3,173
8	OREGON HLTH SCI. U.	3,270	268	4,134	610	35	579	3,538
9	U. OF TEXAS, HOUSTON	3,500	54	3,700	818	880	220	3,554
10	LOUISIANA ST. UNIV.	3,647	1	3,494	391	160	434	3,648
11	UNIV. OF LOUISVILLE	3,680	0	2,916	810	20	85	3,680
12	MED. COL. OF GEORGIA	3,642	58	4,200	695	408	135	3,700
13	UNIV. OF TEXAS, SA	3,500	201	4,281	805	19	0	3,701
14	UNIV. OF KENTUCKY	3,680	79	2,402	486	210	100	3,759
15	UNIV. OF ALABAMA	2,977	807	3,385	1,000	0	348	3,784
16	UNIVERSITY OF IOWA	3,870	0	1,920	710	1,000	0	3,870
17	UNIV. OF MISSISSIPPI	4,000	127	1,120	1,100	470	312	4,127
18	U. OF WASH., SEATTLE	4,215	0	3,136	729	546	0	4,215
19	OHIO STATE UNIV.	4,320	0	2,450	929	120	216	4,320
20	UNIV. OF TENNESSEE	3,957	380	4,725	777	452	0	4,337
21	UNIV. OF ILLINOIS	3,717	642	4,319	726	300	120	4,359
22	UNIV. OF OKLAHOMA	4,500	130	4,134	918	160	20	4,630
23	UNIV. OF FLORIDA	4,754	0	1,133	877	100	0	4,754
24	INDIANA UNIVERSITY	4,800	0	2,391	775	50	0	4,800
25	VIRGINIA COMM. UNIV.	5,100	508	2,725	700	30	95	5,608
26	SUNY, BUFFALO	5,550	110	1,230	380	100	155	5,660
27	SUNY, STONY BROOK	5,550	115	1,100	1,200	46	300	5,665
28	UNIV. OF MISSOURI, KC	5,596	192	3,300	700	85	0	5,788
29	UNIV. OF MARYLAND	5,600	206	3,054	475	126	776	5,806
30	UNIV. OF MINNESOTA	5,605	312	1,200	686	60	**	5,917
31	UNIV. OF NEBRASKA	5,395	530	2,486	***	0	0	5,925
32	UNIV. OF COLORADO	5,394	536	4,350	721	168	155	5,930
33	UNIV. OF CONNECTICUT	4,600	2,100	1,700	400	75	0	6,700
34	UNIV. OF MICHIGAN	7,450	136	2,590	700	25	*	7,586
35	U OF DENT NEW JERSEY	8,660	225	2,611	470	82	237	8,885
NUMBER		33	28	35	34	32	19	35
MEAN		\$4,333.4	\$444.2	\$3,127.4	\$745.0	\$255.3	\$253.3	\$4,441.2
STD. DEVIATION		1,420.51	514.45	1,315.31	228.41	352.91	193.08	1,583.78

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN
N/AP = INDICATES NOT APPLICABLE
* = INCLUDED IN TUITION
** = INCLUDED IN GENERAL FEES
*** = INCLUDED IN INSTRUMENTS COST

TABLE 8 (CONTINUED)

FIRST YEAR COSTS FOR RESIDENT
RANK ORDERED WITHIN TYPE OF INSTITUTION BY TOTAL TUITION AND FEES
1988-89

RANK ORDER	DENTAL SCHOOL	RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL TUITION AND FEES
PRIVATE								
1	HOWARD UNIVERSITY	\$ 6,400	\$ 299	\$ 3,066	\$ 853	\$ 80	\$ 280	\$ 6,699
2	MEHARRY MED. COLLEGE	10,500	395	1,345	1,185	0	550	10,895
3	CREIGHTON UNIVERSITY	12,470	0	2,062	500	30	0	12,470
4	LOMA LINDA UNIV.	13,560	135	4,352	520	100	0	13,695
5	HARVARD UNIVERSITY	15,750	0	930	350	25	897	15,750
6	WASHINGTON UNIV., SL	17,980	72	3,050	540	0	540	18,052
7	TUFTS UNIVERSITY	17,330	1,115	3,500	750	N/AP	822	18,445
8	U. OF PENNSYLVANIA	18,890	620	5,825	700	25	0	19,510
9	BOSTON UNIVERSITY	19,900	0	3,192	800	40	400	19,900
10	UNIV. OF SO. CALIF.	20,589	90	5,100	700	0	267	20,688
11	UNIV. OF THE PACIFIC	25,984	608	6,451	1,392	0	0	26,592
NUMBER		11	8	11	11	6	7	11
MEAN		\$16,304.8	\$417.8	\$3,597.5	\$753.6	\$50.0	\$536.5	\$16,608.7
STD. DEVIATION		5,383.82	354.35	1,738.86	306.40	32.09	247.89	5,460.92
PRIVATE-STATE RELATED								
1	BAYLOR COL. OF DENT.	3,500	40	3,190	842	0	45	3,540
2	TEMPLE UNIVERSITY	10,812	55	4,846	500	0	0	10,867
3	UNIV. OF DETROIT	11,660	386	5,800	***	0	214	12,046
4	MARQUETTE UNIVERSITY	12,180	0	4,511	500	45	0	12,180
5	LOYOLA UNIVERSITY	12,500	105	3,886	852	0	90	12,605
6	UNIV. OF PITTSBURGH	13,090	12	4,308	800	561	115	13,102
7	COLUMBIA UNIVERSITY	15,525	60	1,775	500	306	400	15,585
8	F. DICKINSON UNIV.	15,800	262	2,847	800	0	0	16,062
9	CASE WESTERN UNIV.	16,200	136	3,345	620	0	176	16,336
10	NORTHWESTERN UNIV.	18,051	0	1,309	1,125	0	350	18,051
11	NEW YORK UNIVERSITY	18,977	0	4,748	1,050	0	50	18,977
NUMBER		11	8	11	10	3	8	11
MEAN		\$13,461.3	\$132.0	\$3,669.5	\$758.9	\$304.0	\$180.0	\$13,577.3
STD. DEVIATION		4,253.32	128.80	1,341.31	225.61	258.00	134.12	4,249.08
TOTAL								
NUMBER		55	44	57	55	41	34	57
MEAN		\$8,557.3	\$382.6	\$3,322.7	\$749.3	\$228.8	\$294.3	\$8,552.4
STD. DEVIATION		6,162.98	451.34	1,404.95	240.38	325.21	227.83	6,192.32

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN

N/AP = INDICATES NOT APPLICABLE

* = INCLUDED IN TUITION

** = INCLUDED IN GENERAL FEES

*** = INCLUDED IN INSTRUMENTS COST

TABLE 9

TOTAL UNDERGRADUATE FIRST-YEAR COSTS FOR RESIDENT
RANK ORDERED BY TOTAL COSTS
1988-89

RANK ORDER	DENTAL SCHOOL	RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL COSTS
1	MED. U OF S CAROLINA	\$ 3,160	\$ 0	\$ 2,960	\$ 450	\$ 75	\$ 0	\$ 6,645
2	U. OF CALIF., LA	0	1,417	2,825	420	1,680	435	6,777
3	UNIV. OF FLORIDA	4,754	0	1,133	877	100	0	6,864
4	UNIV. OF KENTUCKY	3,680	79	2,402	486	210	100	6,957
5	SO. ILLINOIS UNIV.	2,517	272	3,417	798	70	0	7,074
6	UNIV. OF MISSISSIPPI	4,000	127	1,120	1,100	470	312	7,129
7	U. OF PUERTO RICO	2,500	60	3,815	800	75	91	7,341
8	UNIV. OF N. CAROLINA	1,686	711	3,870	931	243	0	7,441
9	UNIVERSITY OF IOWA	3,870	0	1,920	710	1,000	0	7,500
10	UNIV. OF LOUISVILLE	3,680	0	2,916	810	20	85	7,511
11	SUNY, BUFFALO	5,550	110	1,230	380	100	155	7,525
12	BAYLOR COL. OF DENT.	3,500	40	3,190	842	0	45	7,617
13	UNIV. OF MINNESOTA	5,605	312	1,280	686	60	**	7,863
14	U. OF CALIF., SF	0	1,701	5,046	1,141	0	**	7,888
15	INDIANA UNIVERSITY	4,800	0	2,391	775	50	0	8,016
16	OHIO STATE UNIV.	4,320	0	2,450	929	120	216	8,035
17	LOUISIANA ST. UNIV.	3,647	1	1,494	391	160	434	8,127
18	SUNY, STONY BROOK	5,550	115	1,100	1,200	48	300	8,311
19	UNIV. OF NEBRASKA	5,395	530	2,488	***	0	0	8,411
20	UNIV. OF ALABAMA	2,977	807	3,385	1,000	0	348	8,517
21	U. OF WASH., SEATTLE	4,215	0	3,136	729	546	0	8,626
22	UNIV. OF TEXAS, SA	3,500	201	4,281	805	19	0	8,806
23	UNIV. OF CONNECTICUT	4,600	2,100	1,700	400	75	0	8,875
24	OREGON HLTH SCI. U.	3,270	268	4,134	610	35	579	8,896
25	MED. COL. OF GEORGIA	3,642	58	4,200	695	408	135	9,138
26	VIRGINIA COMM. UNIV.	5,100	508	2,725	700	30	95	9,158
27	U. OF TEXAS, HOUSTON	3,500	54	3,700	818	880	220	9,172
28	UNIV. OF ILLINOIS	3,717	642	4,319	726	300	120	9,824
29	UNIV. OF OKLAHOMA	4,500	130	4,134	918	160	20	9,862
30	UNIV. OF MISSOURI, KC	5,596	192	3,300	700	85	0	9,873
31	UNIV. OF MARYLAND	5,600	206	3,054	475	126	776	10,237
32	UNIV. OF TENNESSEE	3,957	380	4,725	777	452	0	10,291
33	UNIV. OF MICHIGAN	7,450	136	2,590	700	25	*	10,901
34	UNIV. OF COLORADO	5,394	536	4,350	721	168	155	11,324
35	HOWARD UNIVERSITY	6,400	299	3,966	853	80	280	11,878
36	WEST VIRGINIA UNIV.	2,613	560	7,340	1,205	300	0	12,018
37	U OF DENT NEW JERSEY	8,660	225	2,611	470	82	237	12,285
38	MEHARRY MED. COLLEGE	10,500	395	1,345	1,185	0	550	13,975
39	CREIGHTON UNIVERSITY	12,470	0	2,062	500	30	0	15,062
40	TEMPLE UNIVERSITY	10,812	55	4,646	500	0	0	16,013
41	MARQUETTE UNIVERSITY	12,180	0	4,511	500	45	0	17,236
42	LOYOLA UNIVERSITY	12,500	105	3,886	852	0	90	17,433
43	HARVARD UNIVERSITY	15,750	0	930	350	25	897	17,952
44	UNIV. OF DETROIT	11,660	386	5,800	***	0	214	18,060
45	COLUMBIA UNIVERSITY	15,525	60	1,775	500	306	400	18,566
46	LOMA LINDA UNIV.	13,560	135	4,352	520	100	0	18,667
47	UNIV. OF PITTSBURGH	13,090	12	4,308	800	561	115	18,886
48	F. DICKINSON UNIV.	15,800	262	2,847	800	—0	0	19,709
49	CASE WESTERN UNIV.	16,200	136	3,345	620	0	176	20,477
50	NORTHWESTERN UNIV.	18,051	0	1,309	1,125	0	350	20,835
51	WASHINGTON UNIV., SL	17,980	72	3,050	540	0	540	22,182
52	TUFTS UNIVERSITY	17,330	1,115	3,500	750	N/AP	822	23,517
53	BOSTON UNIVERSITY	19,900	0	3,192	800	40	400	24,332
54	NEW YORK UNIVERSITY	18,977	0	4,748	1,050	0	50	24,825
55	U. OF PENNSYLVANIA	18,890	620	5,625	700	25	0	25,860
56	UNIV. OF SO. CALIF.	20,589	99	5,100	700	0	267	26,755
57	UNIV. OF THE PACIFIC	25,984	608	6,451	1,392	0	0	34,435

NUMBER	55	44	57	55	41	34	57
MEAN	\$8,557.3	\$382.6	\$3,322.7	\$749.3	\$228.6	\$294.3	\$12,938.4
STD. DEVIATION	6,162.98	451.34	1,404.95	240.38	325.21	227.83	6,550.08

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN

N/AP = INDICATES NOT APPLICABLE

* = INCLUDED IN TUITION

** = INCLUDED IN GENERAL FEES

*** = INCLUDED IN INSTRUMENTS COST

TABLE 10

TOTAL UNDERGRADUATE FIRST-YEAR COSTS FOR RESIDENT
RANK ORDERED WITHIN TYPE OF INSTITUTION BY TOTAL COSTS
1988-89

RANK ORDER	DENTAL SCHOOL	RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL COSTS
	PUBLIC							
1	MED. U OF S CAROLINA	\$ 3,160	\$ 0	\$ 2,980	\$ 450	\$ 75	\$ 0	\$ 6,645
2	U. OF CALIF., LA	0	1,417	2,825	420	1,680	435	6,777
3	UNIV. OF FLORIDA	4,754	0	1,133	877	100	0	6,864
4	UNIV. OF KENTUCKY	3,680	79	2,402	486	210	100	6,957
5	SO. ILLINOIS UNIV.	2,517	272	3,417	798	70	0	7,074
6	UNIV. OF MISSISSIPPI	4,000	127	1,120	1,100	470	312	7,129
7	U. OF PUERTO RICO	2,500	60	3,815	800	75	91	7,341
8	UNIV. OF N. CAROLINA	1,686	711	3,870	931	243	0	7,441
9	UNIVERSITY OF IOWA	3,870	0	1,920	710	1,000	0	7,500
10	UNIV. OF LOUISVILLE	3,680	0	2,916	810	20	85	7,511
11	SUNY, BUFFALO	5,550	110	1,230	380	100	155	7,525
12	UNIV. OF MINNESOTA	5,605	312	1,200	686	60	**	7,863
13	U. OF CALIF., SF	0	1,701	5,046	1,141	0	**	7,888
14	INDIANA UNIVERSITY	4,800	0	2,391	775	50	0	8,016
15	OHIO STATE UNIV.	4,320	0	2,450	929	120	216	8,135
16	LOUISIANA ST. UNIV.	3,647	1	3,494	391	160	434	8,127
17	SUNY, STONY BROOK	5,550	115	1,100	1,200	46	300	8,311
18	UNIV. OF NEBRASKA	5,395	530	2,486	***	0	0	8,411
19	UNIV. OF ALABAMA	2,977	807	3,385	1,000	0	348	8,517
20	U. OF WASH., SEATTLE	4,215	0	3,136	729	546	0	8,626
21	UNIV. OF TEXAS, SA	3,500	201	4,281	805	19	0	8,806
22	UNIV. OF CONNECTICUT	4,600	2,100	1,700	400	75	0	8,875
23	OREGON HLTH SCI. U.	3,270	268	4,134	610	35	579	8,886
24	MED. COL. OF GEORGIA	3,642	58	4,200	695	408	135	9,138
25	VIRGINIA COMM. UNIV.	5,100	508	2,725	700	30	95	9,158
26	U. OF TEXAS, HOUSTON	3,500	54	3,700	818	880	220	9,172
27	UNIV. OF ILLINOIS	3,717	642	4,319	728	300	120	9,824
28	UNIV. OF OKLAHOMA	4,500	130	4,134	918	160	20	9,862
29	UNIV. OF MISSOURI, KC	5,596	192	3,300	700	85	0	9,873
30	UNIV. OF MARYLAND	5,600	206	3,054	475	126	776	10,237
31	UNIV. OF TENNESSEE	3,957	380	4,725	777	452	0	10,291
32	UNIV. OF MICHIGAN	7,450	136	2,590	700	25	*	10,901
33	UNIV. OF COLORADO	5,394	536	4,350	721	168	155	11,324
34	WEST VIRGINIA UNIV.	2,613	560	7,340	1,205	300	0	12,018
35	U OF DENT NEW JERSEY	8,660	225	2,611	470	82	237	12,285
NUMBER		33	28	35	34	32	19	35
MEAN		\$4,333.4	\$444.2	\$3,127.4	\$745.0	\$255.3	\$253.3	\$8,663.3
STD. DEVIATION		1,420.51	514.45	1,315.31	228.41	352.91	193.08	1,486.33

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN

N/A = INDICATES NOT APPLICABLE

* = INCLUDED IN TUITION

** = INCLUDED IN GENERAL FEES

*** = INCLUDED IN INSTRUMENTS COST

TABLE 10 (CONTINUED)

TOTAL UNDERGRADUATE FIRST-YEAR COSTS FOR RESIDENT
RANK ORDERED WITHIN TYPE OF INSTITUTION BY TOTAL COSTS
1968-69

RANK ORDER	DENTAL SCHOOL	RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL COSTS
PRIVATE								
1	HOWARD UNIVERSITY	\$ 6,400	\$ 299	\$ 3,986	\$ 853	\$ 80	\$ 280	\$11,878
2	MEHARRY MED. COLLEGE	10,500	395	1,345	1,185	0	550	13,975
3	CREIGHTON UNIVERSITY	12,470	0	2,062	500	30	0	15,062
4	HARVARD UNIVERSITY	15,750	0	930	350	25	897	17,952
5	LOMA LINDA UNIV.	13,560	135	4,352	520	100	0	18,667
6	WASHINGTON UNIV., SL	17,980	72	3,050	540	0	540	22,182
7	TUFTS UNIVERSITY	17,330	1,115	3,500	750	N/AP	822	23,517
8	BOSTON UNIVERSITY	19,900	0	3,192	800	40	400	24,332
9	U. OF PENNSYLVANIA	18,890	620	5,625	700	25	0	25,860
10	UNIV. OF SO. CALIF.	20,589	99	5,100	700	0	267	26,755
11	UNIV. OF THE PACIFIC	25,984	608	6,451	1,392	0	0	34,435
NUMBER		11	8	11	11	6	7	11
MEAN		\$16,304.8	\$417.8	\$3,597.5	\$753.6	\$50.0	\$536.5	\$21,328.6
STD. DEVIATION		5,363.82	354.35	1,738.86	306.40	32.09	247.89	6,613.92
PRIVATE-STATE RELATED								
1	BAYLOR COL. OF DENT.	3,500	40	3,190	842	0	45	7,617
2	TEMPLE UNIVERSITY	10,812	55	4,646	500	0	0	16,013
3	MARQUETTE UNIVERSITY	12,180	0	4,511	500	45	0	17,236
4	LOYOLA UNIVERSITY	12,500	105	3,886	852	0	90	17,433
5	UNIV. OF DETROIT	11,660	386	5,800	***	0	214	18,060
6	COLUMBIA UNIVERSITY	15,525	60	1,775	500	306	400	18,566
7	UNIV. OF PITTSBURGH	13,090	12	4,308	800	561	115	18,886
8	F. DICKINSON UNIV.	15,800	262	2,847	800	0	0	19,709
9	CASE WESTERN UNIV.	16,200	136	3,345	620	0	176	20,477
10	NORTHWESTERN UNIV.	18,051	0	1,309	1,125	0	350	20,835
11	NEW YORK UNIVERSITY	18,977	0	4,748	1,050	0	50	24,825
NUMBER		11	8	11	10	3	8	11
MEAN		\$13,481.3	\$132.0	\$3,669.5	\$758.9	\$304.0	\$180.0	\$18,150.6
STD. DEVIATION		4,253.32	128.80	1,341.31	225.61	258.00	134.12	4,209.43
TOTAL								
NUMBER		55	44	57	55	41	34	57
MEAN		\$8,557.3	\$382.6	\$3,322.7	\$749.3	\$228.8	\$294.3	\$12,938.4
STD. DEVIATION		6,162.98	451.34	1,404.95	240.38	325.21	227.83	6,550.08

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN
 N/AP = INDICATES NOT APPLICABLE
 * = INCLUDED IN TUITION
 ** = INCLUDED IN GENERAL FEES
 *** = INCLUDED IN INSTRUMENTS COST

FIGURE 1
Total, Resident
1st Year Tuitions, and Fees

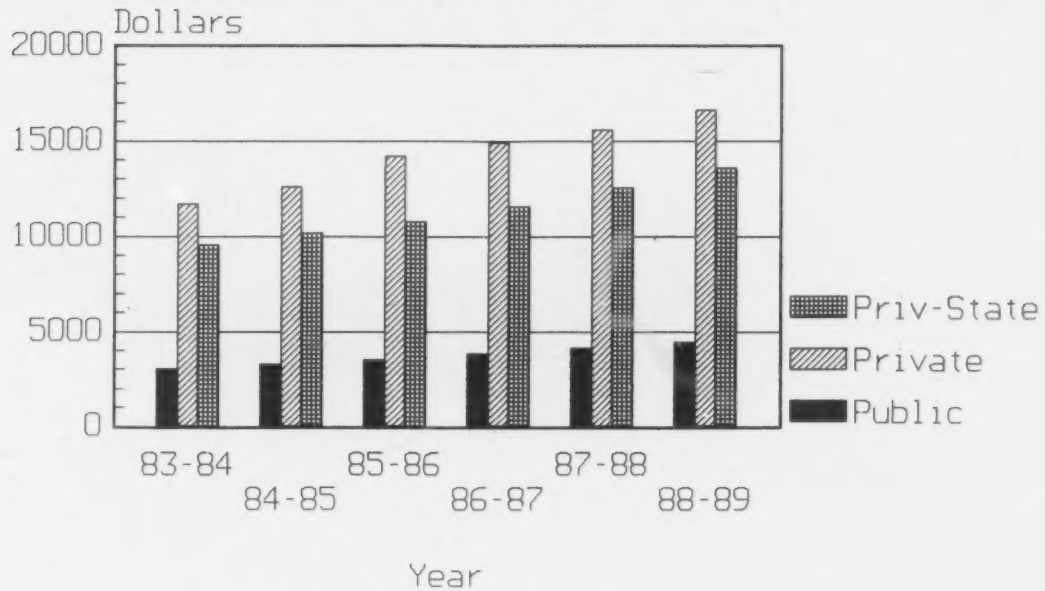


FIGURE 2
Total, Non-Resident
1st Year Tuitions, and Fees

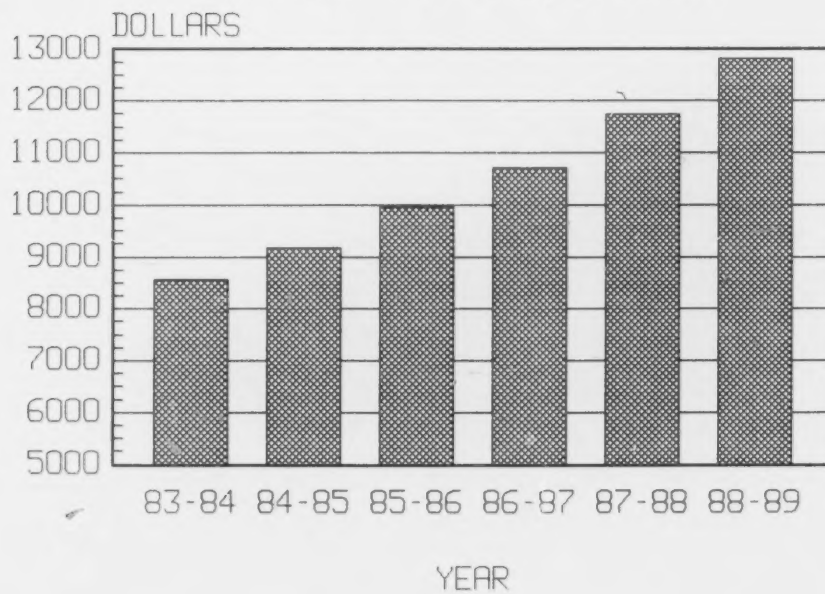


TABLE 11

TOTAL UNDERGRADUATE EDUCATIONAL COSTS FOR RESIDENT
RANK ORDERED BY TOTAL COSTS
1988-89

RANK ORDER	DENTAL SCHOOL	RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL COSTS
1	UNIV. OF N. CAROLINA	\$ 6,220	\$ 2,760	\$ 6,022	\$ 1,655	\$ 984	\$ 0	\$17,641
2	SO. ILLINOIS UNIV.	10,068	1,088	5,907	1,945	70	0	19,078
3	MED. U OF S CAROLINA	12,325	0	5,826	1,125	350	0	19,626
4	U. OF PUERTO RICO	10,000	240	7,284	1,670	170	364	19,728
5	U. OF CALIF..SF	0	6,804	11,802	3,124	0	**	21,730
6	LOUISIANA ST. UNIV.	14,588	4	5,004	1,261	498	1,736	23,091
7	UNIV. OF LOUISVILLE	14,720	0	5,974	2,162	40	340	23,236
8	UNIVERSITY OF IOWA	15,480	0	4,800	1,265	2,005	0	23,550
9	UNIV. OF TEXAS.SA	14,000	658	7,052	2,042	76	0	23,828
10	UNIV. OF KENTUCKY	14,720	316	6,676	1,673	515	400	24,300
11	UNIV. OF ALABAMA	11,374	3,318	5,833	3,500	45	1,392	25,462
12	UNIV. OF MISSISSIPPI	16,000	508	3,395	2,600	1,840	1,248	25,591
13	U. OF TEXAS. HOUSTON	14,000	211	5,550	1,653	3,520	880	25,814
14	WEST VIRGINIA UNIV.	9,929	2,150	11,656	1,785	320	0	25,840
15	OREGON HLTH SCI. U.	13,080	1,174	7,779	1,585	140	2,461	26,219
16	U. OF CALIF..LA	0	6,374	7,005	1,581	10,122	1,740	26,822
17	OHIO STATE UNIV.	19,440	0	3,142	2,147	1,150	1,008	26,887
18	BAYLOR COL. OF DENT.	14,000	155	11,036	1,776	0	198	27,165
19	MED. COL. OF GEORGIA	15,744	272	7,275	1,930	1,535	630	27,386
20	INDIANA UNIVERSITY	19,200	0	6,189	1,900	100	0	27,389
21	UNIV. OF FLORIDA	19,016	0	7,098	2,890	390	0	29,394
22	UNIV. OF ILLINOIS	14,868	2,568	8,759	1,602	1,200	480	29,477
23	SUNY. BUFFALO	22,200	440	4,030	1,130	1,260	620	29,680
24	UNIV. OF OKLAHOMA	18,000	520	8,328	2,258	765	80	29,951
25	UNIV. OF TENNESSEE	15,738	950	9,695	1,888	1,808	0	30,079
26	VIRGINIA COMM. UNIV.	20,400	2,032	5,789	1,700	135	380	30,436
27	UNIV. OF COLORADO	21,576	2,099	5,050	1,611	231	620	31,187
28	UNIV. OF CONNECTICUT	18,400	8,400	2,800	1,600	150	0	31,350
29	SUNY. STONY BROOK	22,200	560	3,500	2,693	1,426	1,200	31,579
30	UNIV. OF MINNESOTA	24,288	1,352	4,050	1,924	810	**	32,424
31	UNIV. OF NEBRASKA	20,501	2,078	9,944	***	0	0	32,523
32	U. OF WASH., SEATTLE	19,670	0	8,841	1,509	3,484	0	33,504
33	UNIV. OF MARYLAND	22,400	824	6,067	1,140	455	2,744	33,630
34	UNIV. OF MISSOURI.KC	25,184	864	7,000	1,850	935	0	35,833
35	HOWARD UNIVERSITY	25,600	1,346	6,241	1,797	170	1,120	36,274
36	UNIV. OF MICHIGAN	29,800	544	5,110	2,240	685	*	38,379
37	U OF DENT NEW JERSEY	34,640	900	3,109	1,165	164	948	40,926
38	TEMPLE UNIVERSITY	43,248	230	8,121	1,500	0	0	53,099
39	CREIGHTON UNIVERSITY	49,880	0	5,396	1,385	365	0	57,026
40	LOYOLA UNIVERSITY	50,000	385	5,714	2,124	0	360	58,583
41	UNIV. OF DETROIT	46,640	1,589	9,940	***	0	856	59,025
42	MARQUETTE UNIVERSITY	48,720	0	10,158	1,110	90	0	60,078
43	MEHARRY MED. COLLEGE	42,000	1,815	9,258	6,102	0	2,200	61,375
44	UNIV. OF PITTSBURGH	52,360	48	5,955	1,550	2,175	460	62,548
45	COLUMBIA UNIVERSITY	62,100	60	6,941	1,500	1,224	1,600	73,425
46	LOMA LINDA UNIV.	62,760	410	7,115	1,460	1,785	0	73,530
47	CASE WESTERN UNIV.	64,800	544	6,335	1,590	0	704	73,973
48	F. DICKINSON UNIV.	63,200	1,048	7,113	2,840	0	0	74,201
49	NORTHWESTERN UNIV.	66,187	0	5,095	2,812	0	1,400	75,494
50	HARVARD UNIVERSITY@@	63,000	0	10,237	1,080	190	3,588	78,095
51	WASHINGTON UNIV..SL	71,920	157	5,065	1,265	169	2,160	80,736
52	TUFTS UNIVERSITY	69,320	1,965	5,700	1,700	N/AP	3,288	81,973
53	NEW YORK UNIVERSITY	75,908	0	9,104	2,000	0	200	87,212
54	UNIV. OF SO. CALIF.	75,493	378	9,000	1,400	0	979	87,250
55	U. OF PENNSYLVANIA	73,820	2,480	8,275	2,800	200	0	87,575
56	BOSTON UNIVERSITY	79,600	0	6,531	1,500	40	400	88,071
57	UNIV. OF THE PACIFIC @	77,952	1,508	7,275	2,062	550	0	89,347

NUMBER	57	44	57	55	44	34	57
MEAN	\$32,601.3	\$1,457.4	\$6,823.6	\$1,911.9	\$1,007.6	\$1,140.7	\$43,853.0
STD. DEVIATION	23,574.25	1,792.53	2,167.99	793.59	1,646.42	899.45	23,228.83

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN

N/AP = INDICATES NOT APPLICABLE

* = INCLUDED IN TUITION

** = INCLUDED IN GENERAL FEES

*** = INCLUDED IN INSTRUMENTS COST

@ = THE UNIVERSITY OF THE PACIFIC HAS A THREE YEAR PROGRAM

@@ = HARVARD UNIVERSITY'S FIFTH YEAR TOTAL COST FOR RESIDENTS IS \$16,797

TABLE 12

TOTAL UNDERGRADUATE EDUCATIONAL COSTS FOR RESIDENT
RANK ORDERED WITHIN TYPE OF INSTITUTION BY TOTAL COSTS
1988-89

RANK ORDER	DENTAL SCHOOL	RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL COSTS
PUBLIC								
1	UNIV. OF N. CAROLINA	\$ 6,220	\$ 2,760	\$ 6,022	\$ 1,655	\$ 984	\$ 0	\$17,641
2	SO. ILLINOIS UNIV.	10,068	1,088	5,907	1,945	70	0	19,078
3	MED. U OF S CAROLINA	12,325	0	5,826	1,125	350	0	19,626
4	U. OF PUERTO RICO	10,000	240	7,284	1,670	170	364	19,728
5	U. OF CALIF., SF	0	6,804	11,802	3,124	0	**	21,730
6	LOUISIANA ST. UNIV.	14,588	4	5,004	1,261	498	1,736	23,091
7	UNIV. OF LOUISVILLE	14,720	0	5,974	2,162	40	340	23,236
8	UNIVERSITY OF IOWA	15,480	0	4,800	1,265	2,005	0	23,550
9	UNIV. OF TEXAS, SA	14,000	658	7,052	2,042	76	0	23,828
10	UNIV. OF KENTUCKY	14,720	316	6,676	1,673	515	400	24,300
11	UNIV. OF ALABAMA	11,374	3,318	5,833	3,500	45	1,392	25,462
12	UNIV. OF MISSISSIPPI	16,000	508	3,395	2,600	1,840	1,248	25,591
13	U. OF TEXAS, HOUSTON	14,000	211	5,550	1,653	3,520	880	25,814
14	WEST VIRGINIA UNIV.	9,929	2,150	11,656	1,785	320	0	25,840
15	OREGON HLTH SCI. U.	13,080	1,174	7,779	1,585	140	2,461	26,219
16	U. OF CALIF., LA	0	6,374	7,005	1,581	10,122	1,740	26,822
17	OHIO STATE UNIV.	19,440	0	3,142	2,147	1,150	1,008	26,887
18	MED. COL. OF GEORGIA	15,744	272	7,275	1,930	1,535	630	27,386
19	INDIANA UNIVERSITY	19,200	0	6,189	1,900	100	0	27,389
20	UNIV. OF FLORIDA	19,016	0	7,098	2,890	390	0	29,394
21	UNIV. OF ILLINOIS	14,868	2,568	8,759	1,602	1,200	480	29,477
22	SUNY, BUFFALO	22,200	440	4,030	1,130	1,260	620	29,680
23	UNIV. OF OKLAHOMA	18,000	520	8,328	2,258	765	80	29,951
24	UNIV. OF TENNESSEE	15,738	950	9,695	1,888	1,808	0	30,079
25	VIRGINIA COMM. UNIV.	20,400	2,032	5,789	1,700	135	380	30,436
26	UNIV. OF COLORADO	21,576	2,099	5,050	1,611	231	620	31,187
27	UNIV. OF CONNECTICUT	18,400	8,400	2,800	1,600	150	0	31,350
28	SUNY, STONY BROOK	22,200	560	3,500	2,693	1,426	1,200	31,579
29	UNIV. OF MINNESOTA	24,288	1,352	4,050	1,924	810	**	32,424
30	UNIV. OF NEBRASKA	20,501	2,078	9,944	***	0	0	32,523
31	U. OF WASH., SEATTLE	19,670	0	8,841	1,509	3,484	0	33,504
32	UNIV. OF MARYLAND	22,400	824	6,087	1,140	455	2,744	33,630
33	UNIV. OF MISSOURI, KC	25,184	864	7,000	1,850	935	0	35,833
34	UNIV. OF MICHIGAN	29,800	544	5,110	2,240	685	*	38,379
35	U OF DENT NEW JERSEY	34,640	900	3,109	1,165	164	948	40,926
NUMBER		35	28	35	34	33	19	35
MEAN		\$16,564.8	\$1,786.0	\$6,381.1	\$1,876.5	\$1,132.6	\$1,014.2	\$27,816.2
STD. DEVIATION		7,064.39	2,111.98	2,262.64	565.57	1,844.79	732.60	5,376.69

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN

N/AP = INDICATES NOT APPLICABLE

* = INCLUDED IN TUITION

** = INCLUDED IN GENERAL FEES

*** = INCLUDED IN INSTRUMENTS COST

TABLE 12 (CONTINUED)

TOTAL UNDERGRADUATE EDUCATIONAL COSTS FOR RESIDENT
RANK ORDERED WITHIN TYPE OF INSTITUTION BY TOTAL COSTS
1988-89

RANK ORDER	DENTAL SCHOOL	RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL COSTS
PRIVATE								
1	HOWARD UNIVERSITY	\$25,600	\$ 1,346	\$ 6,241	\$ 1,797	\$ 170	\$ 1,120	\$36,274
2	CREIGHTON UNIVERSITY	49,680	0	5,396	1,385	365	0	57,026
3	MEHARRY MED. COLLEGE	42,000	1,815	9,258	6,102	0	2,200	61,375
4	LOMA LINDA UNIV.	62,760	410	7,115	1,460	1,785	0	73,530
5	HARVARD UNIVERSITY@@	63,000	0	10,237	1,080	190	3,588	78,095
6	WASHINGTON UNIV..SL	71,920	157	5,065	1,265	169	2,160	80,736
7	TUFTS UNIVERSITY	69,320	1,965	5,700	1,700	N/AP	3,288	81,973
8	UNIV. OF SO. CALIF.	75,493	378	9,000	1,400	0	979	87,250
9	U. OF PENNSYLVANIA	73,820	2,480	8,275	2,800	200	0	87,575
10	BOSTON UNIVERSITY	79,600	0	6,531	1,500	40	400	88,071
11	UNIV. OF THE PACIFIC @	77,952	1,508	7,275	2,062	550	0	89,347
NUMBER		11	8	11	11	8	7	11
MEAN		\$62,649.5	\$1,257.3	\$7,281.1	\$2,050.0	\$433.6	\$1,962.1	\$74,659.2
STD. DEVIATION		17,039.60	851.83	1,709.52	1,422.68	567.30	1,198.13	16,689.14
PRIVATE-STATE RELATED								
1	BAYLOR COL. OF DENT.	14,000	155	11,036	1,776	0	198	27,165
2	TEMPLE UNIVERSITY	43,248	230	8,121	1,500	0	0	53,099
3	LOYOLA UNIVERSITY	50,000	385	5,714	2,124	0	360	58,583
4	UNIV. OF DETROIT	46,640	1,589	9,940	***	0	856	59,025
5	MARQUETTE UNIVERSITY	48,720	0	10,158	1,110	90	0	60,078
6	UNIV. OF PITTSBURGH	52,360	48	5,955	1,550	2,175	460	62,546
7	COLUMBIA UNIVERSITY	62,100	60	6,941	1,500	1,224	1,600	73,425
8	CASE WESTERN UNIV.	64,800	544	6,335	1,590	0	704	73,973
9	F. DICKINSON UNIV.	63,200	1,048	7,113	2,840	0	0	74,201
10	NORTHWESTERN UNIV.	66,187	0	5,095	2,812	0	1,400	75,494
11	NEW YORK UNIVERSITY	75,908	0	9,104	2,000	0	200	87,212
NUMBER		11	8	11	10	3	8	11
MEAN		\$53,378.4	\$507.3	\$7,773.8	\$1,880.2	\$1,163.0	\$722.2	\$64,073.0
STD. DEVIATION		16,454.38	546.51	2,020.78	572.48	1,043.83	533.93	15,844.35
TOTAL								
NUMBER		57	44	57	55	44	34	57
MEAN		\$32,601.3	\$1,457.4	\$6,823.6	\$1,911.9	\$1,007.6	\$1,140.7	\$43,853.0
STD. DEVIATION		23,574.25	1,792.53	2,167.99	793.59	1,646.42	899.45	23,228.83

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN

N/AP = INDICATES NOT APPLICABLE

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** = INCLUDED IN GENERAL FEES

*** = INCLUDED IN INSTRUMENTS COST

@ = THE UNIVERSITY OF THE PACIFIC HAS A THREE YEAR PROGRAM

@@ = HARVARD UNIVERSITY'S FIFTH YEAR TOTAL COST FOR RESIDENTS IS \$16,797

TABLE 13

TOTAL UNDERGRADUATE EDUCATIONAL COSTS FOR NON-RESIDENT
RANK ORDERED BY TOTAL COSTS
1988-89

RANK ORDER	DENTAL SCHOOL	NON- RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL COSTS
1	MED. U OF S CAROLINA	\$24,650	\$ 0	\$ 5,826	\$ 1,125	\$ 350	\$ 0	\$31,951
2	UNIV. OF ALABAMA	19,200	3,318	5,833	3,500	45	1,392	33,288
3	HOWARD UNIVERSITY	25,600	1,346	6,241	1,797	170	1,120	36,274
4	SO. ILLINOIS UNIV.	30,204	1,088	5,907	1,945	70	0	39,214
5	U. OF CALIF., SF	18,324	6,804	11,802	3,124	0	**	40,054
6	WEST VIRGINIA UNIV.	24,274	2,150	11,656	1,785	320	0	40,185
7	LOUISIANA ST. UNIV.	32,988	4	5,004	1,261	498	1,736	41,491
8	U. OF PUERTO RICO	32,000	240	7,284	1,670	170	364	41,728
9	SUNY, BUFFALO	35,400	440	4,030	1,130	1,260	620	42,880
10	U. OF CALIF., LA	17,160	6,374	7,005	1,581	10,122	1,740	43,982
11	OREGON HLTH SCI. U.	30,864	1,174	7,779	1,585	140	2,461	44,003
12	UNIV. OF TENNESSEE	29,964	950	9,695	1,888	1,808	0	44,305
13	UNIV. OF MINNESOTA	36,431	1,352	4,050	1,924	810	**	44,567
14	SUNY, STONY BROOK	35,400	560	3,500	2,693	1,426	1,200	44,779
15	INDIANA UNIVERSITY	40,320	0	6,189	1,900	100	0	48,509
16	UNIV. OF MISSISSIPPI	40,000	508	3,395	2,600	1,840	1,248	49,591
17	UNIVERSITY OF IOWA	42,328	0	4,800	1,265	2,005	0	50,398
18	UNIV. OF MISSOURI, KC	39,960	864	7,000	1,850	935	0	50,609
19	VIRGINIA COMM UNIV.	41,100	2,032	5,789	1,700	135	380	51,136
20	U OF DENT NEW JERSEY	45,460	900	3,109	1,165	164	948	51,746
21	UNIV. OF CONNECTICUT	41,600	8,400	2,800	1,600	150	0	54,550
22	UNIV. OF OKLAHOMA	43,032	520	8,328	2,258	765	80	54,983
23	UNIV. OF N. CAROLINA	44,213	2,760	6,022	1,655	984	0	55,634
24	UNIV. OF FLORIDA	45,812	0	7,098	2,890	390	0	56,190
25	MED. COL. OF GEORGIA	44,880	272	7,275	1,930	1,535	630	56,522
26	CREIGHTON UNIVERSITY	49,880	0	5,396	1,385	365	0	57,026
27	UNIV. OF ILLINOIS	42,468	2,568	8,759	1,602	1,200	480	57,077
28	LOYOLA UNIVERSITY	50,000	385	5,714	2,124	0	360	58,583
29	UNIV. OF DETROIT	46,640	1,589	9,940	***	0	856	59,025
30	UNIV. OF NEBRASKA	47,435	2,078	9,944	***	0	0	59,457
31	MEHARRY MED. COLLEGE	42,000	1,815	9,258	6,102	0	2,200	61,375
32	UNIV. OF MARYLAND	51,400	824	6,067	1,140	455	2,744	62,630
33	U. OF WASH., SEATTLE	49,840	0	8,841	1,509	3,484	0	63,674
34	UNIV. OF MICHIGAN	55,568	544	5,110	2,240	685	*	64,147
35	OHIO STATE UNIV.	58,010	0	3,142	2,147	1,150	1,008	65,457
36	UNIV. OF TEXAS, SA	56,000	658	7,052	2,042	76	0	65,828
37	UNIV. OF LOUISVILLE	58,640	0	5,974	2,162	40	340	67,156
38	U. OF TEXAS, HOUSTON	56,000	211	5,550	1,653	3,520	880	67,814
39	UNIV. OF KENTUCKY	58,640	316	6,676	1,673	515	400	68,220
40	BAYLOR COL. OF DENT.	56,000	155	11,036	1,776	0	198	69,165
41	COLUMBIA UNIVERSITY	62,100	60	6,941	1,500	1,224	1,600	73,425
42	LOMA LINDA UNIV.	62,760	410	7,115	1,460	1,785	0	73,530
43	CASE WESTERN UNIV.	64,800	544	6,335	1,590	0	704	73,973
44	UNIV. OF COLORADO	64,728	2,099	5,050	1,611	231	620	74,339
45	NORTHWESTERN UNIV.	66,187	0	5,095	2,812	0	1,400	75,494
46	HARVARD UNIVERSITY@@	63,000	0	10,237	1,080	190	3,588	78,095
47	TEMPLE UNIVERSITY	69,808	230	8,121	1,500	0	0	79,659
48	MARQUETTE UNIVERSITY	68,760	0	10,158	1,110	90	0	80,118
49	WASHINGTON UNIV., SL	71,920	157	5,065	1,265	169	2,160	80,736
50	TUFTS UNIVERSITY	69,320	1,965	5,700	1,700	N/AP	3,288	81,973
51	UNIV. OF PITTSBURGH	74,000	48	5,955	1,550	2,175	460	84,188
52	F. DICKINSON UNIV.	73,200	1,048	7,113	2,840	0	0	84,201
53	NEW YORK UNIVERSITY	75,908	0	9,104	2,000	0	200	87,212
54	U. OF PENNSYLVANIA	73,820	2,480	8,275	2,800	200	0	87,575
55	BOSTON UNIVERSITY	79,600	0	6,531	1,500	40	400	88,071
56	UNIV. OF THE PACIFIC @	77,952	1,508	7,275	2,062	550	0	89,347
57	UNIV. OF SO. CALIF.	82,356	378	9,000	1,400	0	979	94,113

NUMBER	57	44	57	55	44	34	57
MEAN	\$49,822.8	\$1,457.4	\$6,823.6	\$1,911.9	\$1,007.6	\$1,140.7	\$61,074.5
STD. DEVIATION	17,053.45	1,792.53	2,167.99	793.59	1,646.42	899.45	16,363.10

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN

N/AP = INDICATES NOT APPLICABLE

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** = INCLUDED IN GENERAL FEES

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@ = THE UNIVERSITY OF THE PACIFIC HAS A THREE YEAR PROGRAM

@@ = HARVARD UNIVERSITY'S FIFTH YEAR TOTAL COST FOR NON-RESIDENTS IS \$16,797

TABLE 14

TOTAL UNDERGRADUATE EDUCATIONAL COSTS FOR NON-RESIDENT
RANK ORDERED WITHIN TYPE OF INSTITUTION BY TOTAL COSTS
1988-89

RANK ORDER	DENTAL SCHOOL	NON- RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL COSTS
PUBLIC								
1	MED. U OF S CAROLINA	\$24,650	\$ 0	\$ 5,826	\$ 1,125	\$ 350	\$ 0	\$31,951
2	UNIV. OF ALABAMA	19,200	3,318	5,833	3,500	45	1,392	33,288
3	SO. ILLINOIS UNIV.	30,204	1,088	5,907	1,945	70	0	39,214
4	U. OF CALIF., SF	18,324	8,804	11,802	3,124	0	**	40,054
5	WEST VIRGINIA UNIV.	24,274	2,150	11,656	1,785	320	0	40,185
6	LOUISIANA ST. UNIV.	32,988	4	5,004	1,261	498	1,736	41,491
7	U. OF PUERTO RICO	32,000	240	7,284	1,670	170	364	41,728
8	SUNY, BUFFALO	35,400	440	4,030	1,130	1,260	620	42,880
9	U. OF CALIF., LA	17,160	6,374	7,005	1,581	10,122	1,740	43,982
10	OREGON HLTH SCI. U.	30,864	1,174	7,779	1,585	140	2,461	44,003
11	UNIV. OF TENNESSEE	29,984	950	9,695	1,888	1,808	0	44,305
12	UNIV. OF MINNESOTA	36,431	1,352	4,050	1,924	810	**	44,567
13	SUNY, STONY BROOK	35,400	560	3,500	2,693	1,426	1,200	44,779
14	INDIANA UNIVERSITY	40,320	0	6,189	1,900	100	0	48,509
15	UNIV. OF MISSISSIPPI	40,000	508	3,395	2,600	1,840	1,248	49,591
16	UNIVERSITY OF IOWA	42,328	0	4,800	1,265	2,005	0	50,398
17	UNIV. OF MISSOURI, KC	39,980	864	7,000	1,850	935	0	50,609
18	VIRGINIA COMM. UNIV.	41,100	2,032	5,789	1,700	135	380	51,136
19	U OF DENT NEW JERSEY	45,460	900	3,109	1,165	164	948	51,746
20	UNIV. OF CONNECTICUT	41,600	8,400	2,800	1,600	150	0	54,550
21	UNIV. OF OKLAHOMA	43,032	520	8,328	2,258	765	80	54,983
22	UNIV. OF N. CAROLINA	44,213	2,760	6,022	1,655	984	0	55,634
23	UNIV. OF FLORIDA	45,812	0	7,098	2,890	390	0	56,190
24	MED. COL. OF GEORGIA	44,880	272	7,275	1,930	1,535	630	56,522
25	UNIV. OF ILLINOIS	42,468	2,568	8,759	1,602	1,200	480	57,077
26	UNIV. OF NEBRASKA	47,435	2,078	9,944	***	0	0	59,457
27	UNIV. OF MARYLAND	51,400	824	6,067	1,140	455	2,744	62,630
28	U. OF WASH., SEATTLE	49,840	0	8,841	1,509	3,484	0	63,674
29	UNIV. OF MICHIGAN	55,568	544	5,110	2,240	685	*	64,147
30	OHIO STATE UNIV.	58,010	0	3,142	2,147	1,150	1,008	65,457
31	UNIV. OF TEXAS, SA	56,000	658	7,052	2,042	76	0	65,828
32	UNIV. OF LOUISVILLE	58,640	0	5,974	2,162	40	340	67,156
33	U. OF TEXAS, HOUSTON	56,000	211	5,550	1,653	3,520	880	67,814
34	UNIV. OF KENTUCKY	58,640	316	6,676	1,673	515	400	68,220
35	UNIV. OF COLORADO	64,728	2,099	5,050	1,611	231	620	74,339
NUMBER		35	28	35	34	33	19	35
MEAN		\$40,979.8	\$1,786.0	\$6,381.1	\$1,876.5	\$1,132.6	\$1,014.2	\$52,231.2
STD. DEVIATION		12,269.94	2,111.98	2,262.64	565.57	1,844.79	732.60	10,808.93

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN

N/AP = INDICATES NOT APPLICABLE

* = INCLUDED IN TUITION

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*** = INCLUDED IN INSTRUMENTS COST

TABLE 14 (CONTINUED)

TOTAL UNDERGRADUATE EDUCATIONAL COSTS FOR NON-RESIDENT
RANK ORDERED WITHIN TYPE OF INSTITUTION BY TOTAL COSTS
1988-89

RANK ORDER	DENTAL SCHOOL	NON- RESIDENT TUITION	FEES	INSTRUMENTS	TEXT- BOOKS	OTHER COSTS	HEALTH SERVICE	TOTAL COSTS
PRIVATE								
1	HOWARD UNIVERSITY	\$25,600	\$ 1,346	\$ 6,241	\$ 1,797	\$ 170	\$ 1,120	\$36,274
2	CREIGHTON UNIVERSITY	49,880	0	5,396	1,385	365	0	57,026
3	MEHARRY MED. COLLEGE	42,000	1,815	9,258	6,102	0	2,200	61,375
4	LOMA LINDA UNIV.	62,760	410	7,115	1,460	1,785	0	73,530
5	HARVARD UNIVERSITY@@	63,000	0	10,237	1,080	190	3,588	78,095
6	WASHINGTON UNIV..SL	71,920	157	5,065	1,265	169	2,160	80,736
7	TUFTS UNIVERSITY	69,320	1,965	5,700	1,700	N/AP	3,288	81,973
8	U. OF PENNSYLVANIA	73,820	2,480	8,275	2,800	200	0	87,575
9	BOSTON UNIVERSITY	79,600	0	6,531	1,500	40	400	88,071
10	UNIV. OF THE PACIFIC @	77,952	1,508	7,275	2,062	550	0	89,347
11	UNIV. OF SO. CALIF.	82,356	378	9,000	1,400	0	979	94,113
NUMBER		11	8	11	11	8	7	11
MEAN		\$63,473.4	\$1,257.3	\$7,281.1	\$2,050.0	\$433.6	\$1,982.1	\$75,283.1
STD. DEVIATION		17,663.08	851.83	1,709.52	1,422.68	567.30	1,198.13	17,323.15
PRIVATE-STATE RELATED								
1	LOYOLA UNIVERSITY	50,000	385	5,714	2,124	0	360	58,583
2	UNIV. OF DETROIT	46,640	1,589	9,940	***	0	856	59,025
3	BAYLOR COL. OF DENT.	56,000	155	11,036	1,776	0	198	69,165
4	COLUMBIA UNIVERSITY	62,100	80	6,941	1,500	1,224	1,600	73,425
5	CASE WESTERN UNIV.	64,800	544	6,335	1,590	0	704	73,973
6	NORTHWESTERN UNIV.	66,187	0	5,095	2,812	0	1,400	75,494
7	TEMPLE UNIVERSITY	69,808	230	8,121	1,500	0	0	79,659
8	MARQUETTE UNIVERSITY	68,760	0	10,158	1,110	90	0	80,118
9	UNIV. OF PITTSBURGH	74,000	48	5,955	1,550	2,175	460	84,188
10	F. DICKINSON UNIV.	73,200	1,048	7,113	2,840	0	0	84,201
11	NEW YORK UNIVERSITY	75,908	0	9,104	2,000	0	200	87,212
NUMBER		11	8	11	10	3	8	11
MEAN		\$64,309.3	\$507.3	\$7,773.8	\$1,880.2	\$1,163.0	\$722.2	\$75,003.9
STD. DEVIATION		9,757.97	546.51	2,020.78	572.48	1,043.83	533.93	9,636.67
TOTAL								
NUMBER		57	44	57	55	44	34	57
MEAN		\$49,822.8	\$1,457.4	\$6,823.6	\$1,911.9	\$1,007.6	\$1,140.7	\$61,074.5
STD. DEVIATION		17,053.45	1,792.53	2,167.99	793.59	1,646.42	899.45	16,363.10

NUMBER = NUMBER OF NON-ZERO ENTRIES USED IN CALCULATING THE MEAN

N/AP = INDICATES NOT APPLICABLE

* = INCLUDED IN TUITION

** = INCLUDED IN GENERAL FEES

*** = INCLUDED IN INSTRUMENTS COST

@ = THE UNIVERSITY OF THE PACIFIC HAS A THREE YEAR PROGRAM

@@ = HARVARD UNIVERSITY'S FIFTH YEAR TOTAL COST FOR NON-RESIDENTS IS \$16,797

FIGURE 3
Resident Total Cost

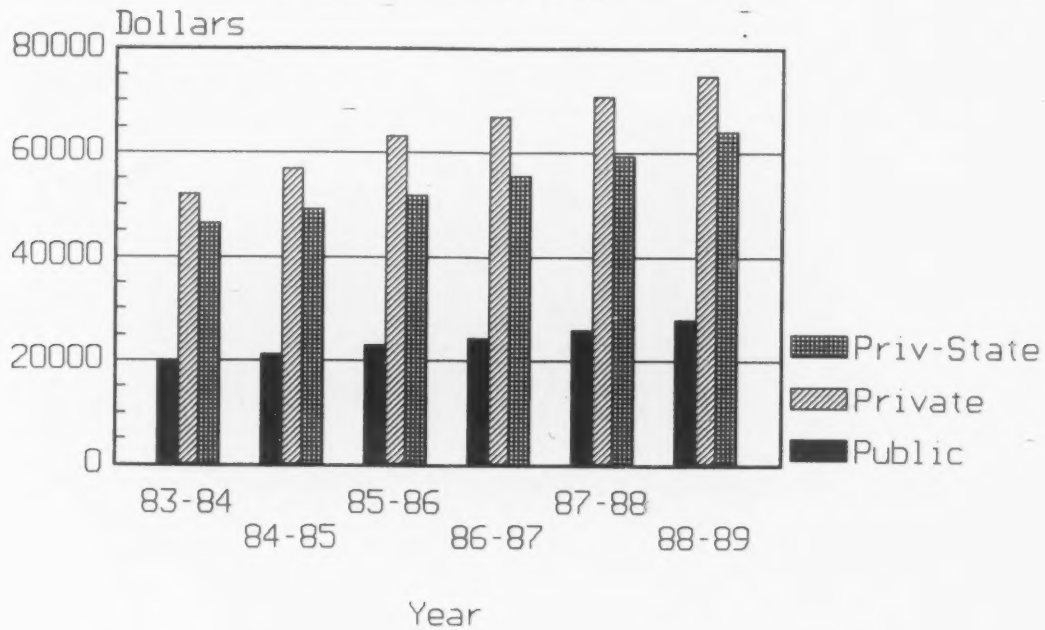


FIGURE 4
Non-Resident Total Cost

